

Access DB# 102525

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robert Gessh Examiner #: 59972 Date: 8/26/03
An Unit: 1620 Phone Number 30 8453 Serial Number: 10/672702
Mail Box and Bldg-Room Location: 3B04 Results Format Preferred (circle): PAPER DISK E-MAIL
3D19

If more than one search is submitted, please prioritize searches in order of need.

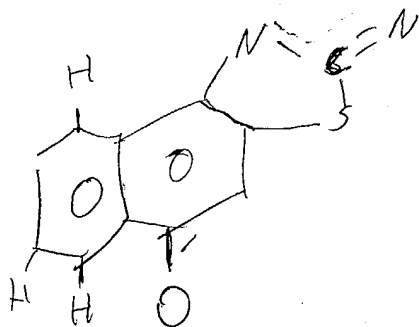
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



1.50/03

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1, 1E07 - 703-308-4498
jan.delaval@uspis.gov

STAFF USE ONLY

Searcher: Jan
Searcher Phone #: 4498
Searcher Location: _____
Date Searcher Picked Up: 8/29/03
Date Completed: 8/28/03
Searcher Prep & Review Time: _____
Client Prep Time: 15
Filing Time: +25

Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) ☒ _____
Bibliographic _____
Litigation _____
Fulltext _____
Patent Family _____
Other _____

Vendors and cost where applicable

STN ☒ _____
Dialog _____
Questel Orbit _____
Dr. Link _____
Lexis Nexis _____
Sequence Systems _____
WWW Internet _____
Other (specify) _____

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:58:59 ON 28 AUG 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 26 AUG 2003 HIGHEST RN 573925-63-0

DICTIONARY FILE UPDATES: 26 AUG 2003 HIGHEST RN 573925-63-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

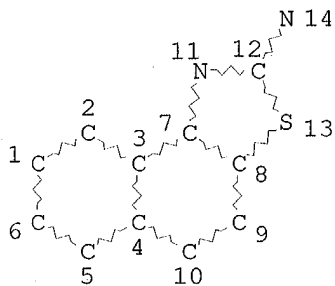
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d sta que 119

L14 STR



Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CMI 1017 - 701 302 4408
jan.delaval@cas.ac.uk

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

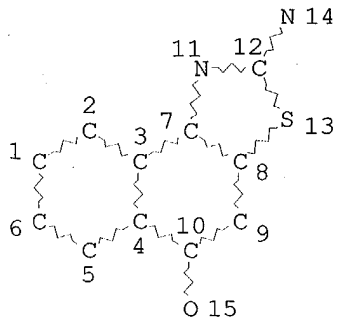
RSPEC 1

NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

L16 1107 SEA FILE=REGISTRY SSS FUL L14

L17 STR



NODE ATTRIBUTES:

CONNECT IS M1 RC AT 1
 CONNECT IS M1 RC AT 9
 CONNECT IS M1 RC AT 11
 CONNECT IS M1 RC AT 14
 CONNECT IS M1 RC AT 15
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 1
 NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L19 53 SEA FILE=REGISTRY SUB=L16 CSS FUL L17

100.0% PROCESSED 55 ITERATIONS
 SEARCH TIME: 00.00.01

53 ANSWERS

=> d his

(FILE 'HOME' ENTERED AT 07:36:37 ON 28 AUG 2003)
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 07:36:47 ON 28 AUG 2003

L1 1 S US20020188015/PN
 E ULRICH P/AU
 L2 155 S E3,E4,E13,E15
 E FANG S/AU
 L3 52 S E3,E6
 L4 22 S E64,E67,E69
 L5 40 S E80,E81
 E BRINES M/AU
 L6 47 S E5,E8,E9
 E XIE Q/AU
 L7 71 S E3,E10
 L8 46 S E33,E35
 L9 2 S E39
 E CERAMI A/AU
 L10 469 S E3,E4,E7-E9
 E FARRINGTON/PA,CS
 L11 19 S E1-E13
 E FARRING/PA,CS
 SEL RN L1

FILE 'REGISTRY' ENTERED AT 07:39:28 ON 28 AUG 2003

L12 85 S E1-E85
 L13 16 S L12 AND NCSC2-C6-C6/ES
 L14 STR
 L15 50 S L14
 L16 1107 S L14 FUL
 SAV L16 BOB072/A
 L17 STR L14
 L18 4 S L17 CSS SAM SUB=L16
 L19 53 S L17 CSS FUL SUB=L16
 SAV L19 BOB072A/A
 L20 37 S L19 NOT L13
 L21 34 S L19 AND 1819.195.6/RID
 L22 19 S L20 AND 1819.195.6/RID
 L23 15 S L21 NOT L22

L24 6 S L23 AND (C19H22N2O2S OR C18H23N3O5 OR C21H18N2O2S OR C18H23N3
L25 1 S L24 AND C19H22N2O2S AND CLH
L26 9 S L23 NOT L24
L27 16 S L13,L25,L26

FILE 'HCAOLD' ENTERED AT 07:52:27 ON 28 AUG 2003
L28 0 S L27

FILE 'USPATFULL, USPAT2' ENTERED AT 07:52:33 ON 28 AUG 2003
L29 1 S L27

FILE 'HCAPLUS' ENTERED AT 07:52:37 ON 28 AUG 2003
L30 2 S L27
L31 2 S L30 AND L1-L11
L32 1 S L31 NOT L1
SEL RN

FILE 'REGISTRY' ENTERED AT 07:53:05 ON 28 AUG 2003
L33 57 S E86-E142
L34 25 S L33 AND NCSC2-C6-C6/ES
L35 24 S L34 NOT L27
L36 24 S L35 AND L19

FILE 'HCAPLUS' ENTERED AT 07:54:00 ON 28 AUG 2003
L37 2 S L36
L38 1 S L37 AND L1-L11
L39 1 S L37 NOT L38

FILE 'REGISTRY' ENTERED AT 07:54:42 ON 28 AUG 2003
SEL RN L27 3 7 9 13 14 16
L40 10 S L27 NOT E143-E148
L41 43 S L13,L19,L34 NOT L40

FILE 'HCAOLD' ENTERED AT 07:58:48 ON 28 AUG 2003
L42 0 S L40

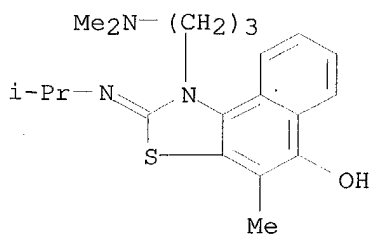
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L43 1 S L40

FILE 'HCAPLUS' ENTERED AT 07:58:49 ON 28 AUG 2003
L44 1 S L40
L45 1 S L44 AND L1-L11

FILE 'REGISTRY' ENTERED AT 07:58:59 ON 28 AUG 2003

=> d ide can tot 140

L40 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN 446839-78-7 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1-[3-(dimethylamino)propyl]-1,2-dihydro-4-
methyl-2-[(1-methylethyl)imino]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C20 H27 N3 O S . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

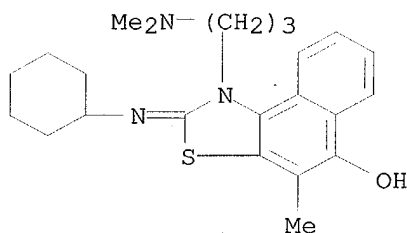


●2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **446839-75-4** REGISTRY
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H31 N3 O S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

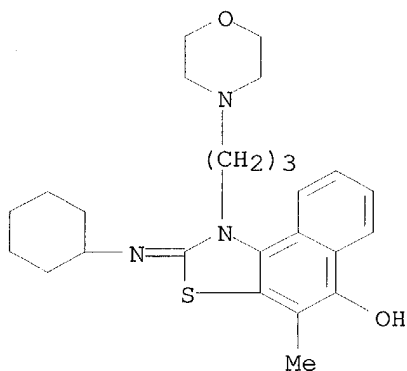


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **446839-73-2** REGISTRY
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H33 N3 O2 S
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

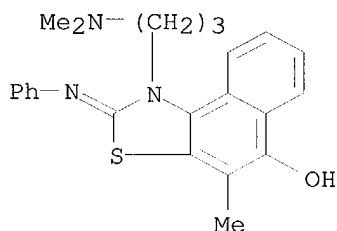


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-72-1** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-2-(phenylimino)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 N3 O S
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

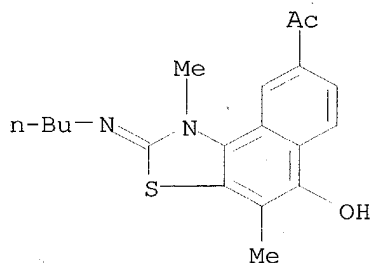


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-70-9** REGISTRY
CN Ethanone, 1-[2-(butylimino)-1,2-dihydro-5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-8-yl]-, monohydrochloride (9CI) (CA INDEX NAME)
MF **C19 H22 N2 O2 S . Cl H**
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

RN **446839-66-3** REGISTRY

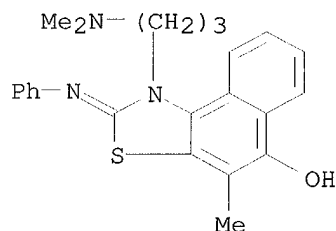
CN Naphtho[1,2-d]thiazol-5-ol, 1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-2-(phenylimino)-, dihydrochloride (9CI) (CA INDEX NAME)

MF C23 H25 N3 O S . 2 Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CRN (446839-72-1)



● 2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

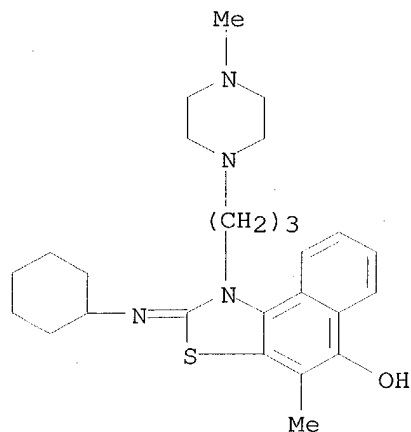
RN **446839-64-1** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-methyl-1-piperazinyl)propyl]-, trihydrochloride (9CI) (CA INDEX NAME)

MF C26 H36 N4 O S . 3 Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



● 3 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN

RN **446839-63-0** REGISTRY

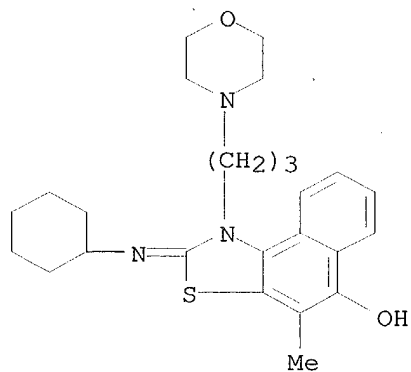
CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-morpholinyl)propyl]-, dihydrochloride (9CI) (CA INDEX NAME)

MF C25 H33 N3 O2 S . 2 Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CRN (446839-73-2)

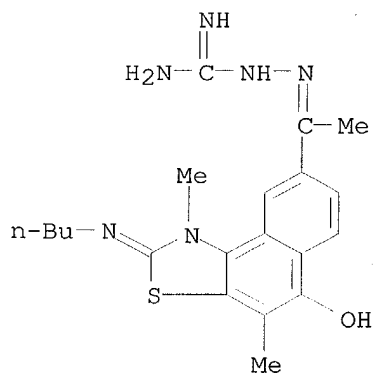


● 2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **446839-62-9** REGISTRY
 CN Hydrazinecarboximidamide, 2-[1-[2-(butylimino)-1,2-dihydro-5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-8-yl]ethylidene]-, dihydrochloride (9CI)
 (CA INDEX NAME)
 MF C20 H26 N6 O S . 2 Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

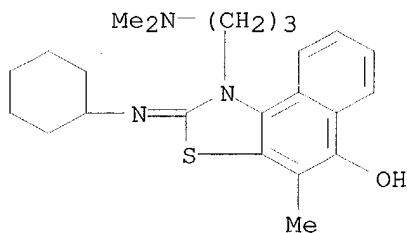


●2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L40 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **446839-59-4** REGISTRY
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-, dihydrochloride (9CI) (CA INDEX NAME)
 MF C23 H31 N3 O S . 2 Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (446839-75-4)



2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

=> fil uspatall

FILE 'USPATFULL' ENTERED AT 07:59:13 ON 28 AUG 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 07:59:13 ON 28 AUG 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitrn 143

L43 ANSWER 1 OF 1 USPATFULL on STN

AN 2002:330330 USPATFULL

TI Method and composition for rejuvenating cells, tissues organs, hair and nails

IN Ulrich, Peter C., Portland, OR, UNITED STATES

Fang, Sheng Ding, Mount Kisco, NY, UNITED STATES

Brines, Michael L., Woodbridge, CT, UNITED STATES

Xie, Qiao-Wen, Yonkers, NY, UNITED STATES

Cerami, Anthony, Sleepy Hollow, NY, UNITED STATES

PI US 2002188015 A1 20021212

AI US 2002-72712 A1 20020207 (10)

PRAI US 2001-267226P 20010207 (60)

DT Utility

FS APPLICATION

LREP DREIER & BARITZ LLP, 499 PARK AVENUE, 20TH FLOOR, NEW YORK, NY, 10022

CLMN Number of Claims: 61

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3338

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB In one embodiment, the present invention relates to compounds and compositions including pharmaceutical compositions containing the compounds and associated methods that uncouple sugar-mediated coupling of proteins, lipids, nucleic acids, and other biomaterials, and any combination thereof. In another embodiment, the compositions and associated methods have utility in vivo to reduce the deleterious effects of sugar-mediated coupling processes in an organism, when the organism is exposed to the compound or composition internally, by ingestion, transdermal application, or other means. In yet another embodiment, the compositions and associated methods are useful for the ex-vivo treatment of organs, cells and tissues and external treatment of hair, nails and skin to rejuvenate them by changing deformability and increase the tissue diffusion coefficient. In a further embodiment, the present invention relates to novel compounds and pharmaceutical compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 446839-59-4P 446839-62-9P 446839-63-0P

446839-64-1P 446839-66-3P 446839-72-1P

446839-73-2P 446839-75-4P

(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT 446839-78-7

(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT 446839-70-9P

(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 07:59:26 ON 28 AUG 2003

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FILE COVERS 1907 - 28 Aug 2003 VOL 139 ISS 9

FILE LAST UPDATED: 26 Aug 2003 (20030826/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d all hitstr 145

L45 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:615361 HCAPLUS

DN 137:169535

TI Preparation of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails.

IN **Ulrich, Peter C.; Fang, Sheng Ding; Brines, Michael; Xie, Qiao Wen; Cerami, Anthony**

PA **Farrington Pharmaceuticals, LLC, USA**

SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K

CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))

Section cross-reference(s): 1, 62

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002062301	A2	20020815	WO 2002-US3714	20020207
	WO 2002062301	A3	20021017		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

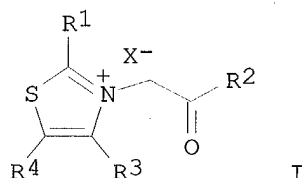
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US 2002188015 A1 20021212 US 2002-72712 20020207 <--

PRAI US 2001-267226P P 20010207

OS MARPAT 137:169535

GI



- AB A compn. for the treatment of hair, nail, ex-vivo organ, ex-vivo cell or ex-vivo tissue to improve the biomech. and diffusional characteristics comprising an effective amt. of title compds., e.g. [I; R1 = alkyl, CHR5OH, CHR5O2CR6; R5 = alkyl; R6 = alkyl, Ph, halophenyl, alkoxyphenyl, naphthyl; R2 = OH, Ph, halophenyl, alkoxyphenyl, (arom.) heterocyclyl; R3, R4 = H, alkyl, hydroxyalkyl, Ph; R3R4 = atoms to form an (arom.) (substituted) ring; X = halide, other pharmaceutically acceptable anion]. Thus, 2-aminopyrimidine in CH2Cl2 was treated dropwise with O-mesitylenesulfonylhydroxylamine in CH2Cl2 at 4.degree. followed by stirring overnight to give 2,3-diaminopyrimidinium mesitylene-2-sulfonate salt. The latter at 10 nM gave 52% reversal of sugar-mediated coupling of albumen to collagen after 2 days.
- ST azole azine prepn cell tissue organ hair nail regeneration; pyrimidinium prepn cell tissue organ hair nail regeneration; thiazolium prepn cell tissue organ hair nail regeneration; rejuvenator hair azole azine prepn; biomech diffusional tissue hair characteristic improvement azole azine
- IT Hair preparations
(conditioners; prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Cosmetics
(nail lacquers; prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Heterocyclic compounds
RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(nitrogen, five-membered; prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Aging, animal
Animal cell
Animal tissue
Cosmetics
Hair
Human
Nail (anatomical)
Organ, animal
Shampoos
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Azines
RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Biological materials
Tendon
(rejuvenators; prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)
- IT Maillard reaction
(reversal; prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT 1094-77-5P 6274-04-0P 31410-05-6P 55643-70-4P 61821-90-7P
446839-32-3P 446839-34-5P 446839-36-7P 446839-38-9P 446839-40-3P
446839-41-4P 446839-42-5P 446839-43-6P 446839-45-8P 446839-46-9P
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446839-52-7P 446839-53-8P 446839-54-9P 446839-55-0P 446839-56-1P
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446839-61-8P **446839-62-9P** **446839-63-0P**
446839-64-1P 446839-65-2P **446839-66-3P**
446839-72-1P **446839-73-2P** 446839-74-3P
446839-75-4P 446839-76-5P 446839-77-6P
RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

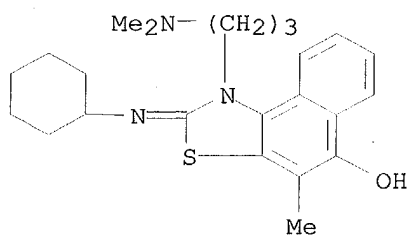
IT 81466-85-5 341028-37-3 **446839-78-7**
RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT 58-27-5 70-11-1, 2-Bromo-1-phenyl-1-ethanone 79-08-3, Bromoacetic acid
99-03-6, 3-Acetylaniline 101-82-6, 2-Benzylpyridine 103-72-0, Phenyl isothiocyanate 105-36-2, Ethyl bromoacetate 108-52-1,
2-Amino-4-methylpyrimidine 109-12-6, 2-Aminopyrimidine 109-55-7,
3-Dimethylaminopropylamine 123-00-2, 4-Morpholinepropanamine 288-32-4,
Imidazole, reactions 461-98-3, 4-Amino-2,6-dimethylpyrimidine 541-58-2, 2,4-Dimethylthiazole 556-61-6, Methyl isothiocyanate 767-15-7, 2-Amino-4,6-dimethylpyrimidine 1122-82-3, Cyclohexyl isothiocyanate 2739-97-1, 2-Pyridineacetonitrile 4572-03-6 5156-83-2
7531-72-8 13278-51-8, N-Butyl-N'-methylthiourea 15679-12-6,
2-Ethyl-4-methylthiazole 20266-00-6, N-Chloroacetylpyrrolidine 22114-27-8, 2,4,6-Trimethylpyrimidine 36016-40-7, O-Mesitylenesulfonylhydroxylamine 40982-30-7, 1-(2-Thiazolyl)ethanol 66840-33-3 90892-09-4, 1-(Bromoacetyl)pyrrolidine 106970-66-5
111538-46-6 446839-67-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT 722-04-3P 34296-14-5P 81467-06-3P 91689-64-4P 431915-83-2P
446839-68-5P 446839-69-6P **446839-70-9P** 446839-71-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

IT **446839-59-4P** **446839-62-9P** **446839-63-0P**
446839-64-1P **446839-66-3P** **446839-72-1P**
446839-73-2P **446839-75-4P**
RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of azoles, azines and salts thereof for rejuvenating cells, tissues, organs, hair and nails)

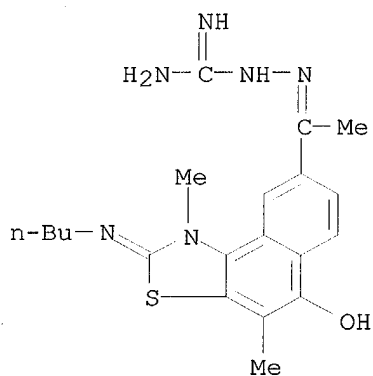
RN 446839-59-4 HCAPLUS
CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

RN 446839-62-9 HCAPLUS

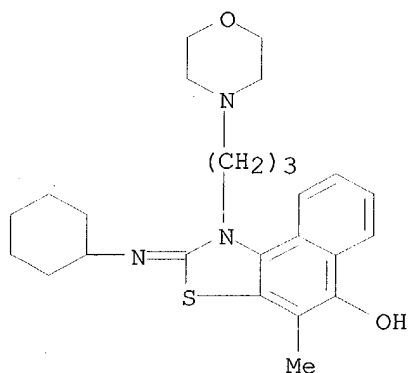
CN Hydrazinecarboximidamide, 2-[1-[2-(butylimino)-1,2-dihydro-5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-8-yl]ethylidene]-, dihydrochloride (9CI)
(CA INDEX NAME)



●2 HCl

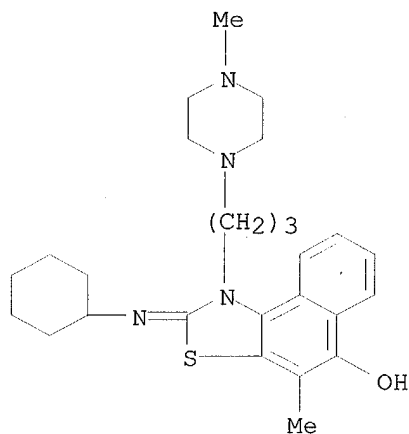
RN 446839-63-0 HCAPLUS

CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-morpholinyl)propyl]-, dihydrochloride (9CI) (CA INDEX NAME)



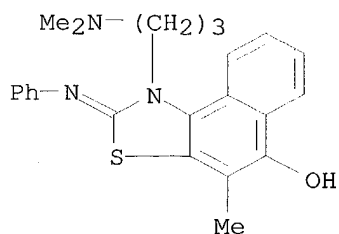
● 2 HCl

RN 446839-64-1 HCAPLUS
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-methyl-1-piperazinyl)propyl]-, trihydrochloride (9CI) (CA INDEX NAME)



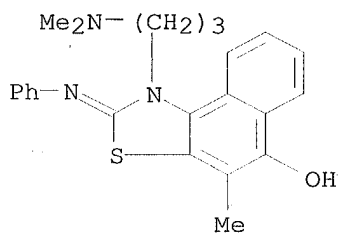
● 3 HCl

RN 446839-66-3 HCAPLUS
 CN Naphtho[1,2-d]thiazol-5-ol, 1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-2-(phenylimino)-, dihydrochloride (9CI) (CA INDEX NAME)

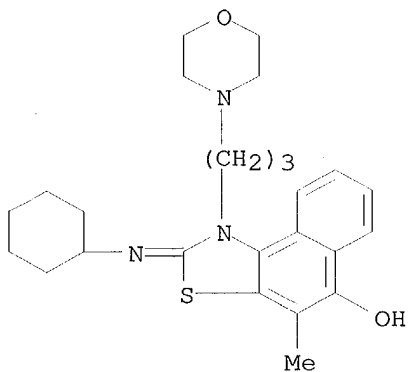


●2 HCl

RN 446839-72-1 HCAPLUS
 CN Naphtho[1,2-d]thiazol-5-ol, 1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl-2-(phenylimino)- (9CI) (CA INDEX NAME)



RN 446839-73-2 HCAPLUS
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1,2-dihydro-4-methyl-1-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)



RN 446839-75-4 HCAPLUS
 CN Naphtho[1,2-d]thiazol-5-ol, 2-(cyclohexylimino)-1-[3-(dimethylamino)propyl]-1,2-dihydro-4-methyl- (9CI) (CA INDEX NAME)

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:59:44 ON 28 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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provided by InfoChem.

STRUCTURE FILE UPDATES: 26 AUG 2003 HIGHEST RN 573925-63-0
DICTIONARY FILE UPDATES: 26 AUG 2003 HIGHEST RN 573925-63-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

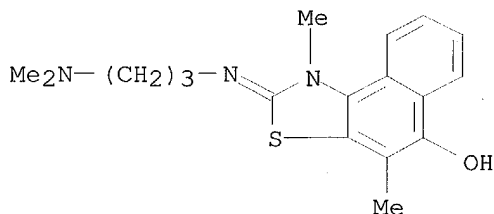
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d ide can tot 141

L41 ANSWER 1 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-74-3** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-[[3-(dimethylamino)propyl]imino]-1,2-dihydro-
1,4-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H23 N3 O S
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



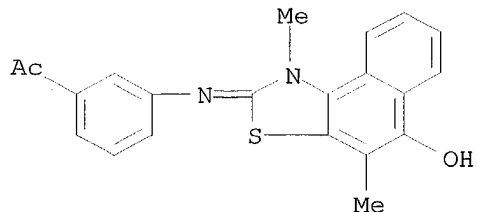
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L41 ANSWER 2 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-68-5** REGISTRY
CN Ethanone, 1-[3-[(5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-2(1H)-
ylidene)amino]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)
MF C21 H18 N2 O2 S . Cl H
SR CA

LC STN Files: CA, CAPLUS, USPATFULL
CRN (81466-98-0)

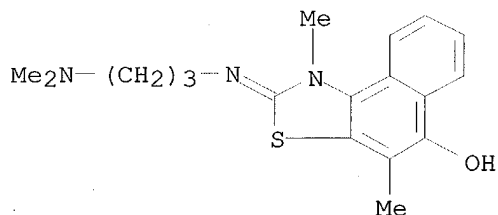


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L41 ANSWER 3 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-65-2** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-[[3-(dimethylamino)propyl]imino]-1,2-dihydro-1,4-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C18 H23 N3 O S . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (446839-74-3)

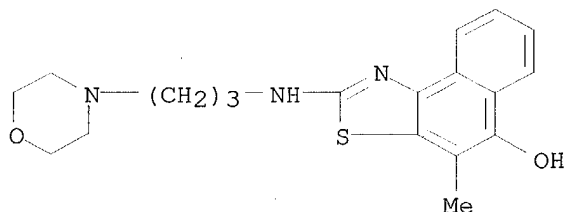


●2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L41 ANSWER 4 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **446839-61-8** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-[[3-(4-morpholinyl)propyl]amino]-, dihydrochloride (9CI) (CA INDEX NAME)
MF C19 H23 N3 O2 S . 2 Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



●2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L41 ANSWER 5 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

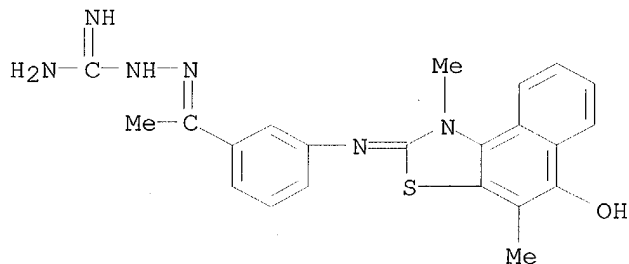
RN 446839-60-7 REGISTRY

CN Hydrazinecarboximidamide, 2-[1-[3-[(5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-2(1H)-ylidene)amino]phenyl]ethylidene]-, dihydrochloride (9CI)
(CA INDEX NAME)

MF C22 H22 N6 O S . 2 Cl H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



●2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

L41 ANSWER 6 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

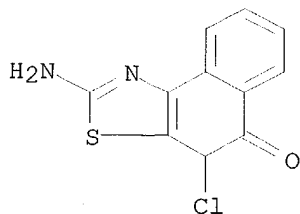
RN 300664-54-4 REGISTRY

CN Naphtho[1,2-d]thiazol-5(4H)-one, 2-amino-4-chloro-, monohydrochloride
(9CI) (CA INDEX NAME)

MF C11 H7 Cl N2 O S . Cl H

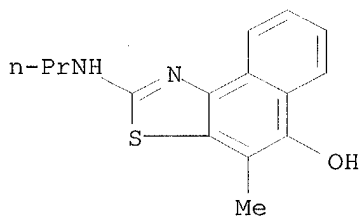
SR CAS Registry Services

LC STN Files: CHEMCATS



● HCl

L41 ANSWER 7 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 167889-81-8 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-(propylamino)-, monohydrochloride
(9CI) (CA INDEX NAME)
MF C15 H16 N2 O S . Cl H
SR CA
LC STN Files: CA, CAPLUS

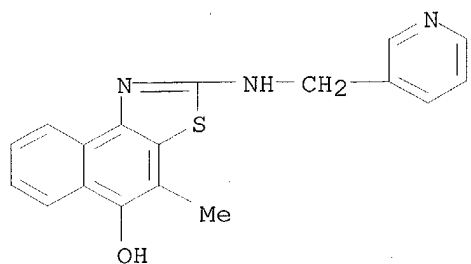


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 123:198787

L41 ANSWER 8 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 145096-28-2 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-[(3-pyridinylmethyl)amino]- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C18 H15 N3 O S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



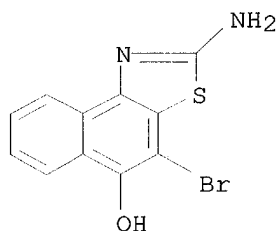
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 121:255705

REFERENCE 2: 118:38919

L41 ANSWER 9 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 120165-18-6 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-bromo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H7 Br N2 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

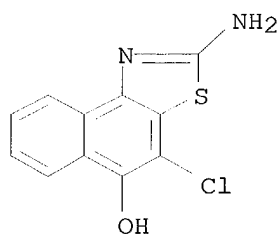


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 110:192808

L41 ANSWER 10 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 120165-17-5 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H7 Cl N2 O S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 110:192808

L41 ANSWER 11 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN 120164-57-0 REGISTRY

CN Benzenesulfonamide, 4-[[[5-hydroxy-4-(1-methylethyl)naphtho[1,2-d]thiazol-2-yl]amino]methyl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

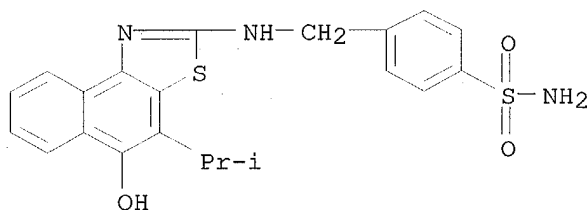
CN Naphtho[1,2-d]thiazole, benzenesulfonamide deriv.

FS 3D CONCORD

MF C21 H21 N3 O3 S2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 110:192808

L41 ANSWER 12 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

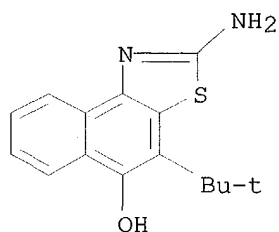
RN 120164-32-1 REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-(1,1-dimethylethyl)-, monohydrobromide (9CI) (CA INDEX NAME)

MF C15 H16 N2 O S . Br H

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

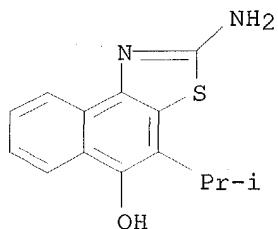


● HBr

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 110:192808

L41 ANSWER 13 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 120164-31-0 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-(1-methylethyl)-, monohydrobromide
(9CI) (CA INDEX NAME)
MF C14 H14 N2 O S . Br H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

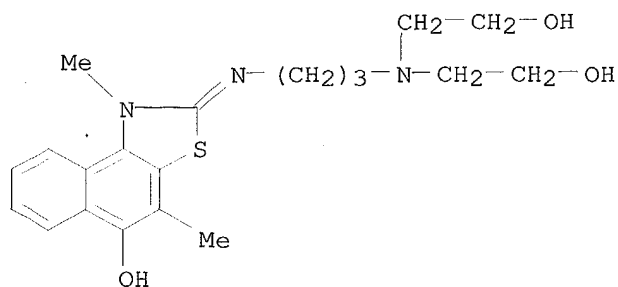


● HBr

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 110:192808

L41 ANSWER 14 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81478-69-5** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-[[3-[bis(2-hydroxyethyl)amino]propyl]imino]-
1,2-dihydro-1,4-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)
MF C20 H27 N3 O3 S . 2 Cl H
LC STN Files: CA, CAPLUS



● 2 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 15 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81467-09-6** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-[[3-(4-methyl-1-piperazinyl)propyl]imino]-, ethanedioate (1:3) (salt) (9CI) (CA INDEX NAME)

MF C21 H28 N4 O S . 3 C2 H2 O4

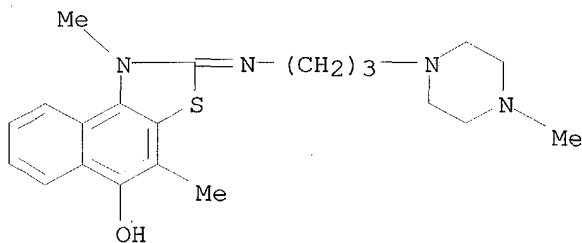
LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)

CM 1

CRN 81467-08-5

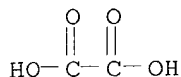
CMF C21 H28 N4 O S



CM 2

CRN 144-62-7

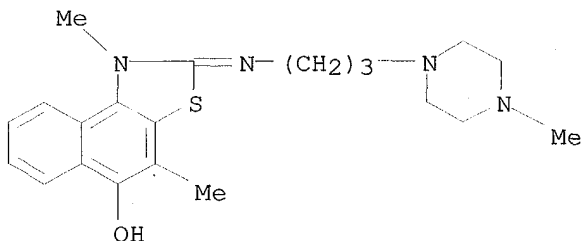
CMF C2 H2 O4



1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

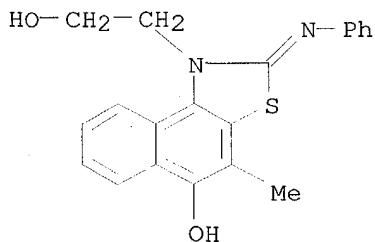
REFERENCE 1: 96:199571

L41 ANSWER 16 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 81467-08-5 REGISTRY
 CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-[[3-(4-methyl-1-piperazinyl)propyl]imino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H28 N4 O S
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L41 ANSWER 17 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **81467-00-7** REGISTRY
 CN Naphtho[1,2-d]thiazole-1(2H)-ethanol, 5-hydroxy-4-methyl-2-(phenylimino)-, monohydrochloride (9CI) (CA INDEX NAME)
 MF C20 H18 N2 O2 S . Cl H
 LC STN Files: CA, CAPLUS

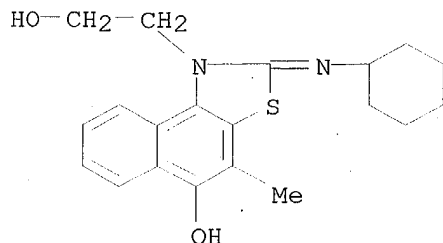


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 18 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
 RN **81466-99-1** REGISTRY
 CN Naphtho[1,2-d]thiazole-1(2H)-ethanol, 2-(cyclohexylimino)-5-hydroxy-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)
 MF C20 H24 N2 O2 S . Cl H
 LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 19 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-98-0** REGISTRY

CN Ethanone, 1-[3-[[5-hydroxy-1,4-dimethylnaphtho[1,2-d]thiazol-2(1H)-ylidene]amino]phenyl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Naphtho[1,2-d]thiazole, ethanone deriv.

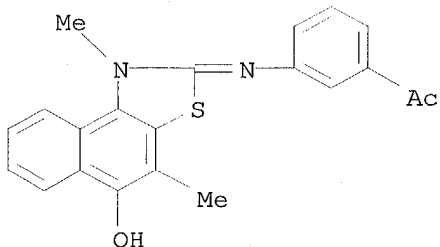
FS 3D CONCORD

MF C21 H18 N2 O2 S

CI COM

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

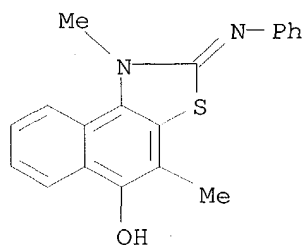
L41 ANSWER 20 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-97-9** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-(phenylimino)-, monohydrochloride (9CI) (CA INDEX NAME)

MF C19 H16 N2 O S . Cl H

LC STN Files: CA, CAPLUS

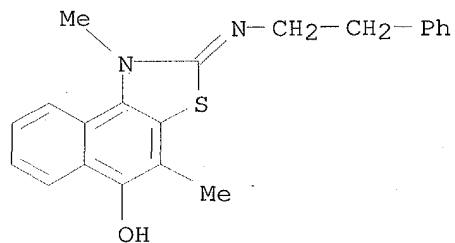


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 21 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81466-96-8** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-[(2-phenylethyl)imino]-, monohydrochloride (9CI) (CA INDEX NAME)
MF C21 H20 N2 O S . Cl H
LC STN Files: CA, CAPLUS

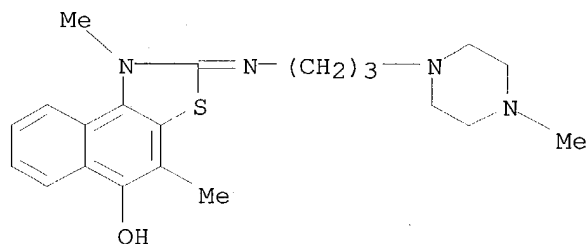


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 22 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81466-95-7** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-(octylimino)-, monohydrochloride (9CI) (CA INDEX NAME)
MF C21 H28 N2 O S . Cl H
LC STN Files: CA, CAPLUS

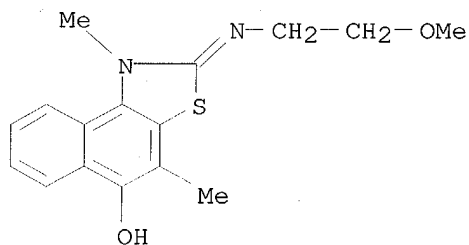


● 3 HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 25 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81466-92-4** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-2-[(2-methoxyethyl)imino]-1,4-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)
MF C16 H18 N2 O2 S . Cl H
LC STN Files: CA, CAPLUS

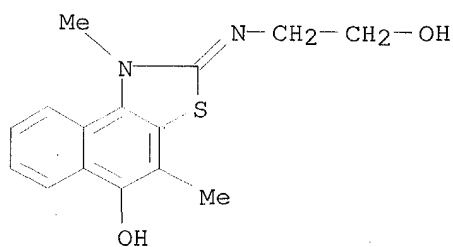


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 26 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81466-91-3** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-2-[(2-hydroxyethyl)imino]-1,4-dimethyl-, monohydrochloride (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 367155
MF C15 H16 N2 O2 S . Cl H
LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

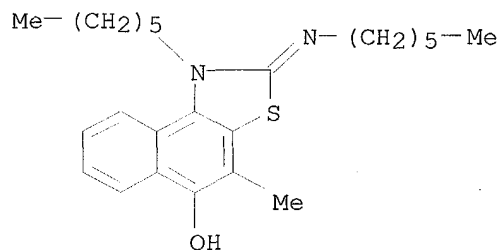
L41 ANSWER 27 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-90-2** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1-hexyl-2-(hexylimino)-1,2-dihydro-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

MF C24 H34 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

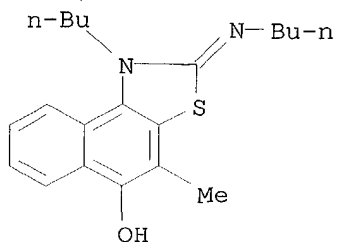
L41 ANSWER 28 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-89-9** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1-butyl-2-(butylimino)-1,2-dihydro-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

MF C20 H26 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

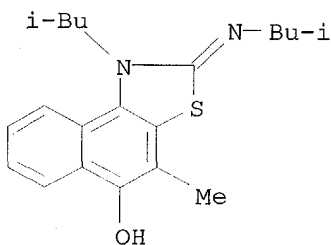
L41 ANSWER 29 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-88-8** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-4-methyl-1-(2-methylpropyl)-2-[(2-methylpropyl)imino]-, monohydrochloride (9CI) (CA INDEX NAME)

MF C20 H26 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

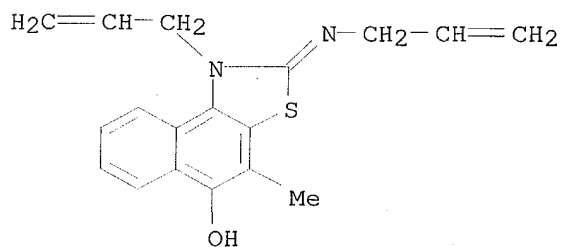
L41 ANSWER 30 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-87-7** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-4-methyl-1-(2-propenyl)-2-(2-propenylimino)-, monohydrochloride (9CI) (CA INDEX NAME)

MF C18 H18 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

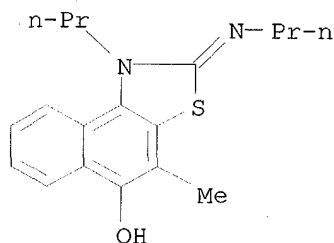
L41 ANSWER 31 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-86-6** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-4-methyl-1-propyl-2-(propylimino)-, monohydrochloride (9CI) (CA INDEX NAME)

MF C18 H22 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

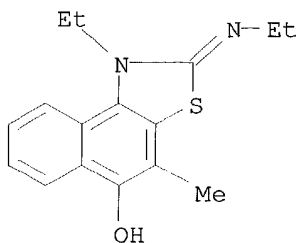
L41 ANSWER 32 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-85-5** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1-ethyl-2-(ethylimino)-1,2-dihydro-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

MF C16 H18 N2 O S . Cl H

LC STN Files: CA, CAPLUS, USPATFULL



● HCl

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 137:169535

REFERENCE 2: 96:199571

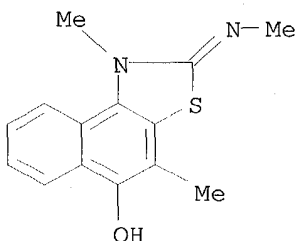
L41 ANSWER 33 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-84-4** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 1,2-dihydro-1,4-dimethyl-2-(methylimino)-, monohydrochloride (9CI) (CA INDEX NAME)

MF C14 H14 N2 O S . Cl H

LC STN Files: CA, CAPLUS



● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 34 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN

RN **81466-83-3** REGISTRY

CN Naphtho[1,2-d]thiazol-5-ol, 2-[(4-methoxyphenyl)amino]-4-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

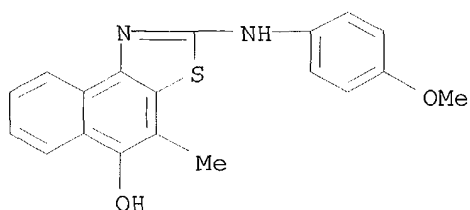
OTHER NAMES:

CN NSC 367156

MF C19 H16 N2 O2 S . Cl H

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)



● HCl

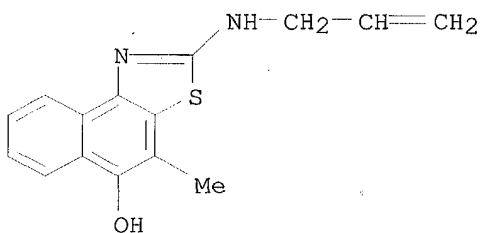
1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 35 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **81466-82-2** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-(2-propenylamino)-, monohydrochloride (9CI) (CA INDEX NAME)

OTHER NAMES:

CN NSC 367154
MF C15 H14 N2 O S . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

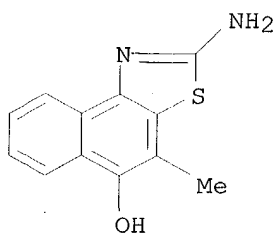


● HCl

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

L41 ANSWER 36 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **26322-40-7** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-methyl-, monohydrochloride (8CI, 9CI) (CA INDEX NAME)
MF C12 H10 N2 O S . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
CRN (26269-05-6)



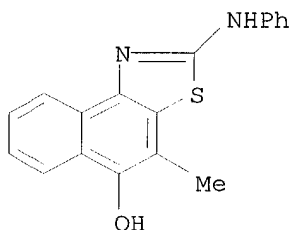
● HCl

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

REFERENCE 2: 74:22750

L41 ANSWER 37 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 26269-14-7 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-anilino-4-methyl- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H14 N2 O S
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

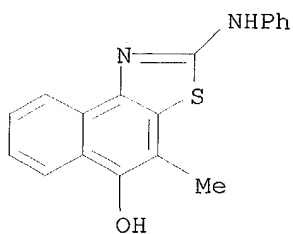


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 74:22750

L41 ANSWER 38 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **26269-13-6** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-(phenylamino)-, monohydrochloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Naphtho[1,2-d]thiazol-5-ol, 2-anilino-4-methyl-, monohydrochloride (8CI)
MF C18 H14 N2 O S . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
CRN (26269-14-7)



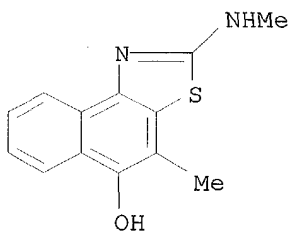
● HCl

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

REFERENCE 2: 74:22750

L41 ANSWER 39 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 26269-12-5 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-(methylamino)- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H12 N2 O S
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

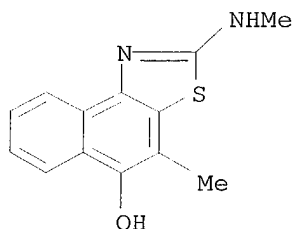


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 74:22750

L41 ANSWER 40 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **26269-11-4** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 4-methyl-2-(methylamino)-, monohydrochloride (8CI, 9CI) (CA INDEX NAME)
MF C13 H12 N2 O S . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
CRN (26269-12-5)



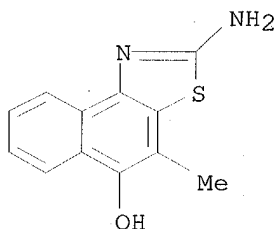
● HCl

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

REFERENCE 2: 74:22750

L41 ANSWER 41 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 26269-05-6 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-4-methyl- (8CI, 9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H10 N2 O S
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER
(*File contains numerically searchable property data)



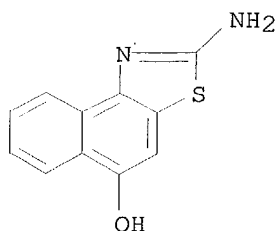
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 121:255705

REFERENCE 2: 74:22750

L41 ANSWER 42 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN 26269-04-5 REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H8 N2 O S
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

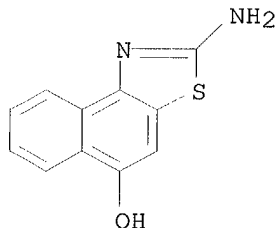


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 74:22750

L41 ANSWER 43 OF 43 REGISTRY COPYRIGHT 2003 ACS on STN
RN **26269-03-4** REGISTRY
CN Naphtho[1,2-d]thiazol-5-ol, 2-amino-, monohydrochloride (8CI, 9CI) (CA
INDEX NAME)
MF C11 H8 N2 O S . Cl H
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)
CRN (26269-04-5)



● HCl

2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

REFERENCE 1: 96:199571

REFERENCE 2: 74:22750